INTERNATIONAL SEARCH REPORT

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Etactronic d	ata base consulted during the International search (name of data ba	ase and, where practical, search terms used)				
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Calegory	Citation of document, with indication, where appropriate, of the re	sevani passages	Haravani io Dajini No.				
v	ED 1 100 EOC 1 (UTTANIT (TD)						
Х	EP 1 162 536 A (HITACHI LTD) 12 December 2001 (2001-12-12)		1-7,				
	12 pecember 2001 (2001-12-12)		10-12, 20,21,				
			25,26,				
		_	28,29				
	paragraph '0011! - paragraph '00	28!	·, , ·				
Х	EP 1 054 322 A (HITACHI, LTD)		1,13,14				
	22 November 2000 (2000-11-22)	į	.,,.				
	paragraphs '0043! - '0045!, '000	65! -					
	'0070!	ì					
х	US 2001/016879 A1 (ARAI TOSHIAKI	ET AL	1-7.10.				
۸	23 August 2001 (2001-08-23)	EI AL)	20,21,				
	20 Magast 2001 (2001 00 20)		25,26,				
	•		28,29				
	paragraph '0016! - paragraph '00:	19!	· ·				
	paragraph '0054! - paragraph '006	53!	İ				
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X Funt	er documents are listed in the continuation of box C.	Patent family members are listed in	n ennex.				
• Spectal ca	egories of cited documents :	"T" later document published after the Inter	national filing date				
'A' docums	nt defining the general state of the art which is not	or priority date and not in conflict with a clied to understand the principle or the	he application but				
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Date of the actual complation of the international search Date of mailing of the international search							
17 March 2005		2 9. 06. 2005					
Name and mailing address of the ISA Authorized officer							
	European Patent Office, P.B. 5816 Patentiaan 2 NL 2280 HV Rijswijk						
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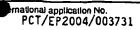
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		PCT/EP2004/003731	
	ation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	
X	US 2003/036843 A1 (NAKAMURA KOZO ET AL) 20 February 2003 (2003-02-20) paragraph '0036! - paragraph '0056!	1-5,10, 20,21, 25,26, 28,29	
A	"Jaluna-2 Preview Release 1 Description" JALUNA PRODUCT DOCUMENTATION, December 2002 (2002-12), pages 1-32, XP0001189063 the whole document	1-32	
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	· .		
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INTERNATIONAL SEARCH REPORT



Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Claims Nos.: because they relate to parts of the international Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)
This international Searching Authority found multiple inventions in this international application, as follows:
see additional sheet
As all required additional search tees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this international Search Report covers only those claims for which fees were paid, specifically claims Nos.:
1-14 20 21 25 26 28 29 32-36 4. No required additional search fees were timely paid by the applicant. Consequently, this international Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-12 20 21 25 26 28 29 32-36

Handling processor exceptions for the second operating system in virtual fashion

2. claims: 13-14

Providing access to shared input and/or output devices

3. claims: 15-18

Restarting the second operating system without interrupting operation of the first operating system $\,$

4. claim: 19

Debugging the operating systems

5. claims: 22-24 27

Providing inter-operating system communication

6. claim: 30 31

Modifying each operating system for operating in multiple operating system mode

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nformation on patent family members

International Application No PCT/EP2004/003731

Patent document cited in search report		Publication date	Patent lamily member(s)	Publication date
EP 1162536	Α .	12-12-2001. EP	1162536 A1	12-12-2001
EP 1054322	A	22-11-2000 JP EP US	2000330806 A 1054322 A2 6615303 B1	30-11-2000 22-11-2000 02-09-2003
US 2001016879	A1	23-08-2001 JP JP JP JP US US US	3546678 B2 11149385 A 2001216172 A 2004038995 A 6772419 B1 2001025371 A1 2004237086 A1	28-07-2004 02-06-1999 10-08-2001 05-02-2004 03-08-2004 27-09-2001 25-11-2004
US 2003036843	A1	20-02-2003 JP	2003036174 A	07-02-2003